

5-7-1937

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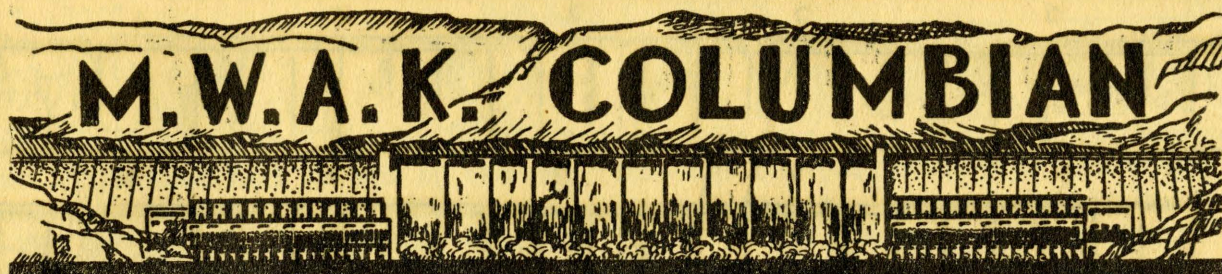
Mason-Walsh-Atkinson-Kier Co.

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SAFETY
DEPARTMENT

MASON-WALSH-ATKINSON-KIER CO.
BUILDERS OF COULEE DAM

MASON CITY
WASHINGTON

Vol. 3 No. 18

M. Pete Shrauger--Editor
Safety Engineer

May 7, 1937

GRAVEL PIT WIDENS

High on the mesa where an ancient ice floe scraped part of its collection of boulders, gravel and sand, activity of 20 months ago resumes.

Rowland Construction company faces the north in Brett pit to enlarge the area for more aggregate for the dam. This will add about five acres of sand and gravel for concrete. Rather than make another 40-foot cut down into the pit at the present time, the plan resulted in widening the area of excavation. Additional cuts are to be reserved as much as possible for later use in completing the dam.

Scrapers where a few cattle and sheep once roamed again push about four feet of waste off the pit and down the steep west slope to uncover usable sand and gravel for concrete. After stripping the area draglines will scrape down aggregate from a bank sometimes as high as 130 feet before the cut is completed. About 70 acres have been uncovered for providing aggregate.

The glacial deposit is one mile north-east of the dam and 900 feet above the river. The deposit covers about 100 acres. Somewhat over 80 feet from the surface was a sand layer from 15 to 25 feet thick. In

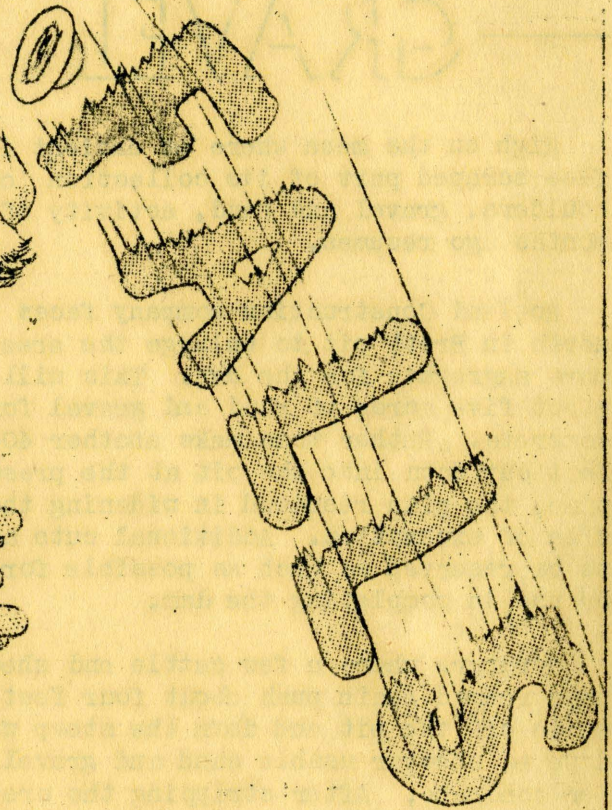
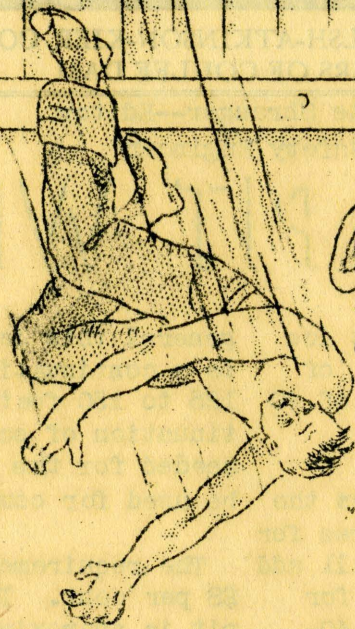
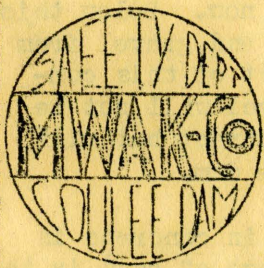
general this is uncovered now. Below this is a continuation of sand and gravel from 125 to 150 feet deep. Most of this continuation of sand and gravel will not be needed for the present contract but will be used for completing the dam.

The requirement of sand in concrete is 28 per cent. The percentage of sand in the pit is approximately 65 per cent. This indicates that a large percentage of sand passing from the pit must go for the waste pile.

Figures this week show the result. Excavation for aggregate totals 4,600,000 yards. Of this amount, the aggregates for concrete reach 2,950,000. With total concrete poured approximately 2,180,000 yards, this shows that 1 1/3 yards of aggregate go for one yard of concrete. Also, that for one yard of concrete there are 2.1 yards of Brett pit excavation. Excavation does not include the 510,000 yards of stripping the acreage of top waste. If the ratio continues until the dam is completed, more than 15 million yards of Brett pit will be hidden in the gray of concrete and more than 24,000,000 yards will be lost forever from their resting place.

(Continued on Page 5)

SAFETY ALWAYS ALWAYS



THE WORST SINGLE CAUSE OF FATALS!

LINDMAN

FROM THE CRYSTAL BALL



F. ROGERS, just because his number is 1847 is no indication that he has or had any connection with 1847 silverware.....

---MR. AND MRS. C. J. PENNOCK, curious as to what snow looks like, taking a jaunt upward to the snow line.....

W. H. BAIRD AND HARRY MITCHELL hooking for gold in Gold lake.....

EARL CLINTON, ping pong king(?), leading Reddy-Red Travis into errors.....

---GEORGE LINVILLE, to the drumming of jackhammers, "Rembrandt, Reynolds, Michael Angelo, look out for your crown."....

DONNA PRIEST considering a change of employment to a home?.....

---CARL EDELMAN--where is his dog team that was going to cop national races?.....

DICK LON, in new "employment" from days in the ring.....

---LITTLE GLENNY PAIT, hearing it's hay time at Wilson Creek, preparing to leave.

HARVEY MECKLENBERG wandering over Ellensburg streets looking for a Yakima street

---HELEN THOMAS (formerly) throwing her fingers at the keys again.....

AFTER A SAFE DAY ON THE JOB MAKE SURE
THAT YOU GET HOME SAFELY

VERNE MEHRER, "The natives lead the life I pine for.".....

HOCK--Ask him about the deaf and dumb story.....

ROY HILL scratching his head over a little rock and a piece of sand.....

---TOM MALOTT, getting out elementary law books, "Now, sonny,---".....

W. D. SEAMAN (in broken record), "Check check--check--check" etc.....

F. J. SMOLA, "I don't have to eat spinach.

---CHARLES THOMPSON again eyeing his latest published masterpiece.....

R. E. McCURDY, "No, I was never an ice man.".....

---J. C. McFARLAND poring over the art of hypnotizing a trout from 6½ inches to 36 inches inclusive.....

---AL BREHM doing something the world hasn't done: Solving the European problem.

GEORGE . BROWN just throwing cigars away 22 years ago today

---E. W. KENWORTHY playing Babe Ruth.....

JACK CARNAHAN chosen at the coronation to become, not the jester, but "The Post."..

A YEAR AGO

---First water to flood east side passes through one cofferdam pipe and timber flume into east pit. After two days, halt water to permit riveting of high trestle bents.

---Dragline casts last load of dirt into west side conveyor and dismantling of the system begins

---East mix turns out first concrete, for a thin coat on east cofferdam top

NEVER DISTRACT THE ATTENTION OF A MAN
WORKING WHERE DANGER THREATENS

---Only piling of the river excavation bridgeremains following dismantling of the structure to avoid chances of its being carried away by the river. It had just completed its job

---North wing of mess hall again opens for regular use. Sunday visitors number 880 to set new high.

---Re-slope of east slide shows 600,000 yards additional to be excavated. Begin excavation from top of slide

ODDS N ENDS

---There will be a partial transit of the planet Mercury over the sun's disk May 11, not visible here

The highest salary paid a governor is in New York with \$25,000 annually. New Jersey is second with \$20,000. Washington pays \$6,000

---Not more than 30 persons out of every 1,000,000 reach the age of 100, life insurance companies say

---Approximately 2,500 tons of stamps were manufactured during the fiscal year in the United States, or about 60 carloads of them

---"In rolling dice," said Dr. Aaron Bakst of Columbia University, "a person has four chances out of 18 to win on the first throw." The chance of getting an eleven on the first throw is one in 18.

---The steamship Lusitania was torpedoed

22 years ago today

---Sunday is Mother's day

USE A LADDER OR STAY ON THE GROUND

---The total area of the five boroughs and incorporated city of New York is 310 miles.

MISS MABEL? ME VALLY
GLOOD FLIEND OF MAJOR DUPPLE!!



LINUMAN

GRAVEL PIT

(Continued from Page 1)

The water-washed sand and gravel of Brett pit is believed to have been pushed off the outer edge of the glacier that came down from the north thousands of years ago. This formed the high mesa of Brett pit, while the main structure became a dam of the Columbia river that forced the water level 1,500 feet higher than its original height. More than 20 years ago George Brett acquired ownership of the lands that included Brett pit, land back of it and to the north toward Elmer-ton.

When plans were formulated for the dam, test holes were sunk about six miles up from the dam site to test for the quality of aggregate. After tests were taken of Brett pit, and aggregate found suitable, George Brett offered to sell available sand and gravel for the dam by the yard. The land, however, was carefully appraised and condemnation proceedings brought against Brett.

This is a further testimonial of the policy of the government to discourage land speculation on a public works' project such as that of the Columbia Basin.

By early October, 1935, the Rowland Construction company had stripped an area in Brett pit of 2,300 x 900 feet of all waste material. Attending this came the construction of the gravel pit excavation system. This differed widely from regular excavation before concrete placement in that no truck haulage has been necessary. Two radial conveyors with 42-inch belts, not 60, contributed to the difference. The discharge ends are pivotally supported on cars that straddle a collecting conveyor. Receiving ends are also supported, but upon crawler treads with the two treads independently driven by the motors. Carried on this track and under a hopper is a 48-inch electric vibrating feeder. Over the hopper is a grizzly fabricated by the machine shop to screen off boulders.

With this system 4-yard shovels are

kept at maximum output working on a semi-circular face and closely followed by a hopper. This means a swing of only 90 degrees. After an 180-degree swing of the radial conveyor, it and the shovel advance in the direction of the cut a distance regulated by reach of the shovel. Then a reverse swing will be started. After an advance of 170 or 180 feet a new section was spliced on to the main conveyor and progress continued, making a cut of 460 feet.

Five cuts have been made at the pit. The first extended in a straight line across the pit, from west to east. Two were at right angles from it and to the south; two others to the north. Cuts ranged to as high as 130 feet at the north end. The high level at the pit was at 1950 feet. The trestle dropping aggregate at the raw stock pile is at 1840.

-oOo-

"DO YOU EVER BUY A SWEEPSTAKES TICKET? You hardly expect to win, do you? But you think you might. Do you ever take an occasional chance in traffic, either walking or driving? You never expect to lose, do you? But you MIGHT, for you are ELEVEN TIMES as likely to be killed or injured in an automobile accident this year as the holder of a Sweepstakes ticket is to win even a small prize. You are 32 times as likely to lose your life as the holder of a Sweepstakes ticket is to win a major prize. When you gamble in lotteries your stake is a few dollars at most, but when you gamble in traffic YOU BET YOUR LIFE!"

-oOo-

THE UNITED STATES CIVIL SERVICE COMMISSION announces the open competitive examination for lockman (electric locks). Applications must be on file not later than May 20. The examination is for filling existing and future vacancies at Bonneville, Ore. Additional information may be received from your local post office.

-oOo-

GRAND COULEE CONSTRUCTION SAW ONE OF its busiest visiting days Sunday.

The 967 visitors reported for the Sunday meal at the mess hall, second only to 1,100 for one day last year, helped make 3,000 pounds of turkey disappear. The 1400 meals at noon, 4,800 for the day, were the highest of the year.

MASON CITY THEATRE

FRI, SAT,
SUN & MON

PAUL MUNI

Miriam

HOPKINS

*The Woman
I Love*

TUES
ONLY

9 P. M.

MOVIE SWEEPSTAKES

FREE

\$

144

00

FREE

THREE BANK NOTES
IN ONE

3 TIMES AS MANY
CHANCES TO WIN

C&R&C

COMMUNITY CHURCH--The Rev. W. W. Sloan
Ph. D., pastor

9:45 a.m. Church school

11:00 a.m. Morning worship; subject
"THE MOTHERHOOD OF GOD."

11:00 a.m. Junior church

7:00 p.m. Three meetings: vesper service, junior high and senior high.

8:00 p.m. FRIDAY (tonight) Social hour for elder young people. The result of requests following the interest of the week before.

8:00 p.m. Next Thursday, continuation of studies on "The Story of Christianity."

CATHOLIC CHURCH--Father A. Farrelly, pastor
On Sunday, May 9, mass will be said in Grand Coulee at 9 a.m. and in St. Benedict's church, Mason City, at 11 a.m. Instructions for children will be given Saturday at 10 a.m.

CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS--R. E. Nuttall, superintendent

(Mason City high school building

10:30 a.m. Opening exercises

11:15 a.m. Departmental works

Gospel doctrine: adults

Church history: juniors

Primary

ELECTRIC CITY UNION CHURCH--M. L. Bennett, pastor

11:00 a.m. Sunday school

12: a.m. Morning Worship

6:30 p.m. Young people's meeting

7:30 p.m. Evening service

•••••

STOP AT ALL STOP SIGNS--PLAY SAFE

SOFTBALL LEAGUE OPENS

The crack of bats will sound next Tuesday at five o'clock to open the softball season for the bureau of reclamation, the Inspectors meeting the East Engineers.

Four other teams complete the league: West Engineers, Administration, Laboratory, and Independents. Three games are to be played weekly, on Tuesdays, Wednesdays and Thursdays.

Contrary to spreading rumors, the opening day parade will be missing.

An organizing 10 from Company employees are planning to issue a challenge to members of the league.

•••••

60 PER CENT BEDROCK COVERED

Six hundred forty concrete blocks will cover bedrock in this contract. Of these 255 are yet to be poured. Thirty-seven are yet to cover east side bedrock. With the river area untouched with concrete, 218 will rise there. Conclusions are based upon explanations by Charles J. McLandar, Company engineer.

The west side (blocks 8 to 40) contain 250 regular blocks, 21 regular power house blocks, and three others in line with the power house. The east side contains 117

regular dam block, and 21 power house blocks. Four power house blocks are yet to cover bedrock.

The river area is from block 40 to 63; the east side to block 81.

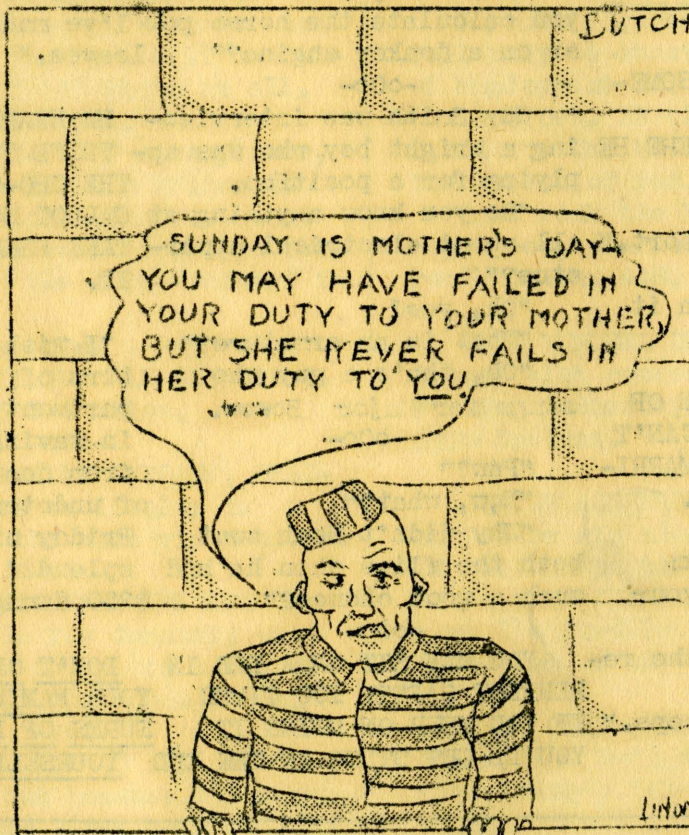
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NO GOOD TO TRY TO LOOK THROUGH A GLASS EYE

•••••

SEVENTH DAY ADVENTIST (Electric City Union Church) services are held every Saturday at 9:45 a.m., followed by Bible study.

All interested are invited to attend.





"Mr. Robinson, dad wants to borrow your corkscrew."

"All right, sonny," said George, reaching for his hat "You run along home-- I'll bring it over."

-oOo-

First Moth, "What's the matter, Charlie? You look starved."

Second Moth, "No wonder, I just spent the week at a nudist camp."

-oOo-

SOME WIVES ARE SURELY LIVE WIRES--THEY CHARGE EVERYTHING -oOo-

R. A. Bishop: "Now, I don't want to see you here again, Rastus."

"Not see me agin, jedge? Why, you-all ain't goin' to resign, is you jedge?"

-oOo-

A DRIVER MUST HAVE SOMETHING LACKING.

WHO DOESN'T LOOK WHERE HE IS BACKING!

-oOo-

"Your dress is too short."

"I don't think so."

"Then you must be in it too far."

-oOo-

AND THIS IS THE TIME OF YEAR WHEN A YOUNG MAN CAN'T DECIDE WHETHER TO GET MARRIED OR TO BUY A NEW CAR.

-oOo-

Scot, out for a walk:

"Son, have you got on your Sunday boots?"

"Aye, Father, "was the reply.

"Then take longer steps."

-oOo-

MANY A GAL IS STILL BOTTLE FED, EVEN AFTER SHE IS GROWN

-oOo-

Wise Wife--One who never quarrels with her husband until after pay day.

-oOo-

MORE THAN 200 BONES AND YET IF ONE IS BROKEN YOU MAY BE LAID UP FOR WEEKS.

-oOo-

"Oh, Fred, the baby has swallowed the matches. What shall we do?"

"Here, use my cigarette lighter."

-oOo-

David Mahrt, after lecture: "Are there any questions?"

Art: "Yes, sir. How do you calculate the horse power on a donkey engine?"

-oOo-

Guy Smith was interviewing a bright boy who was applying for a position.

"Do you know anything at all about electrical apparatus?"

"Oh, yes!

"That is an armature?"

"Oh, that's a guy who sings for Major Bowes."

-oOo-

"Paw?"

"Now, what?"

"Why didn't Noah swat both the flies when he had such a good chance?"

-oOo-

YOU MAY SIT ON A BEE IN PERFECT SAFETY 100 TIMES IF YOU KEEP ON DOING IT YOU'LL GET STUNG IN THE END

The beautiful girl and the honorable man, sole survivors of a wreck: he, had saved her, managed to get on a desert island and there for three long years they lived in hope--she growing daily more beautiful, he daily growing more honorable.

At last she could stand it no longer. "It looks like we are going to spend the rest of our lives here!" she said coyly one day.

"Don't you think we might--right be more friendly?"

"All right," he answered eagerly. "I've been longing to ask you if you'd care to play two-handed bridge with a set of cards I've made out of palm leaves."

-oOo-

HE HEARD THE TOOT, BUT TRIED TO SCOOT, AND BEAT THE CHO-CHO TO IT. THE POOR GALOOT NOW TWINGS A LUTE; TAKE HEED AND DON'T YOU DO IT.

-oOo-

"I wish to thank the members of the local fire department for their fine work in saving my slaughter-house from destruction in a fire of undetermined origin last Friday night. They did splendid work which caused \$250 damage."

-oOo-

DON'T CHEAT YOURSELF OR YOUR FAMILY OUT OF THE PLEASURES OF LIFE BY GETTING YOURSELF IN AN ACCIDENT.

SHE DID MORE FOR YOU!

If you had as much thought for the safety of yourself and of the man beside you as the mother you may think of Sunday had for you, we know that accident tolls would be do for a slash.

While accidents are comparatively frequent, fortunately few of them are more than very minor; but that does not testify to what they will be unless you give a helping hand once in a while.

If you yourself would only make it a practice always to watch your step, you would set a valuable example for him beside you. You might begin by stressing the avoidance of any danger from falls.

It is indeed a fact that more serious injuries are due to "falls of persons" than from any other single cause. The reason was chiefly failure to secure a "firm grip and safe foothold."

Before you can be sure of "firm grip and safe foothold," you must develop a mental impulse to protect yourself. If you will do this as a part of your training, it will become a mental habit, transmitted like lightning to your hands and feet, to the extent that you will not always have to think of the thing at all. Habit would do that for you.

But the "job trainer" of a carpenter, for instance, or a carpenter helper, who places boards carelessly about so they might cause a fall or other accident certainly does not have the word "safety" in his dictionary.

-oOo-

B AND C GROUT DRILLING HAS REACHED A lineal distance of 6 3/4 miles.

-oOo-

PRODUCTION BY COLVILLE INDIANS, BEAD-work and baskets, are on display in a new store opened in the east vista house.

-oOo-

THE CRANE OPERATING FROM THE END OF the east high trestle was formerly used for cleanup work for the power house on the west side. It was a barge rig.

-oOo-

THE PLACEMENT AND USE OF THE WATER-cooling pipes for bunk houses in the camp area will be withheld until warm weather is assured continuously.

-oOo-

RAQUETEERS GATHER

Enthusiasts in the art of wielding tennis raquets will hold their first meeting of the year at 7 p.m., May 17, in the government school building, the Cou-Dam tennis club announces. All persons interested are invited to attend.

Formed for the purpose of stimulating an interest in the better playing of tennis, the club expects to hold matches with other towns of the district.

Dues are 25 cents and may be paid to M. L. Wheeler of the Mason City fire department. Funds will be used for the buying of new nets.

-oOo-

THE RIVER HAS RISEN ABOUT FIVE FEET in the last 10 days. This is a difference in river flow of approximately 56,000 cubic feet per second for March 26 and somewhat more than 85,000 at the present time. The river level for March 5 was 945.5.

-oOo-

NEAR EMPLOYMENT PEAK

Payroll figures for the week closing fall only 64 short of the highest peak of employment for the MWAK.

Last Oct. 23 the all-time high was 5,934 for the MWAK, its concessions and the bureau of reclamation.

Last week the MWAK proper had 5,565 employees, concessions 270, bureau of reclamation, 448, for a total of 5,664.

-oOo-

FIVE HUNDRED DELEGATES TO THE STATE Rotary club convention were visitors to the dam Wednesday. They motored down from Spokane.

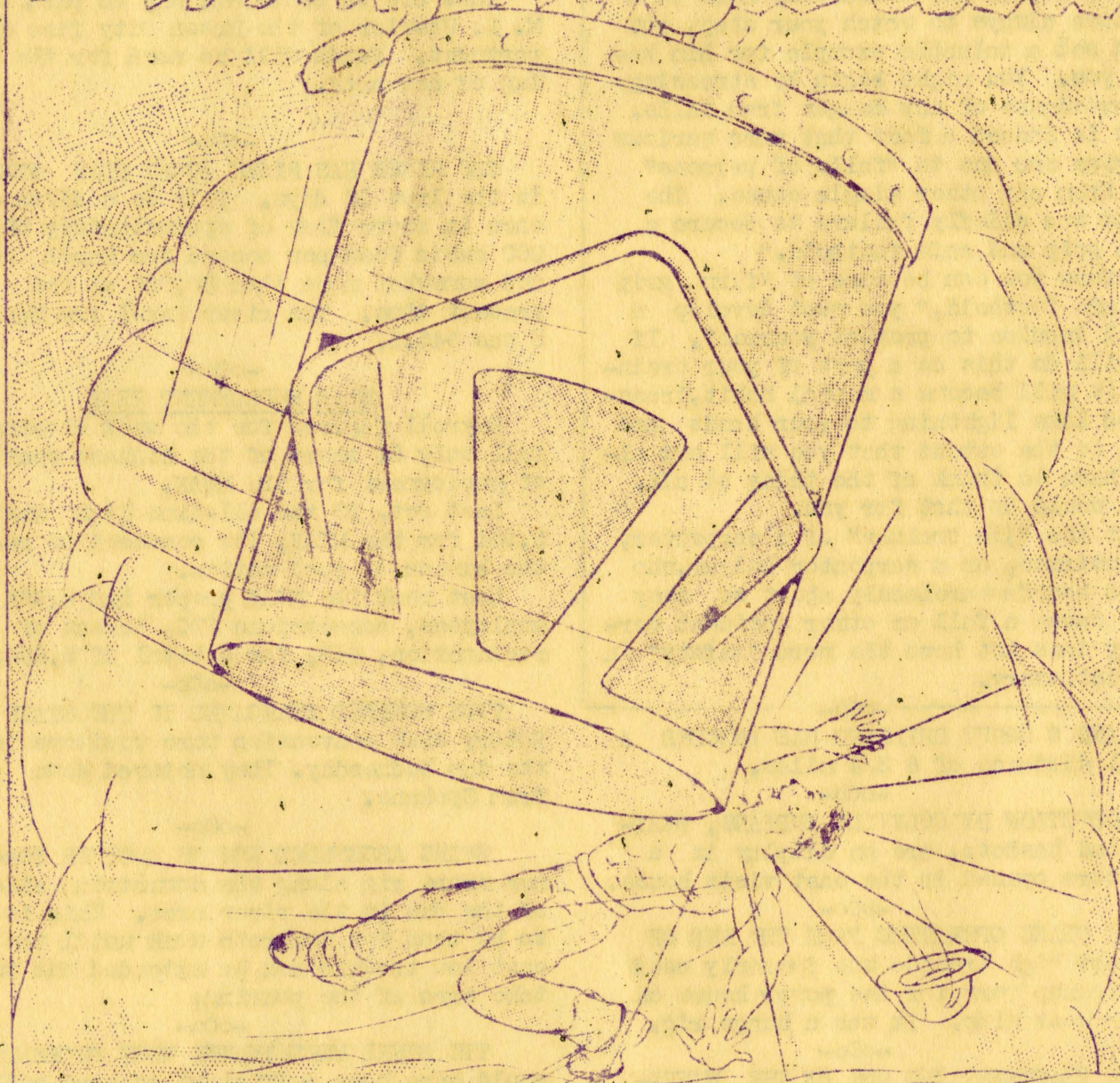
-oOo-

BEING ASSEMBLED NOW IS ANOTHER FORMER crane rig along the downstream side of the dam in the river area. This is to be used for concrete work until the east low trestle can be extended out to take care of the pouring.

-oOo-

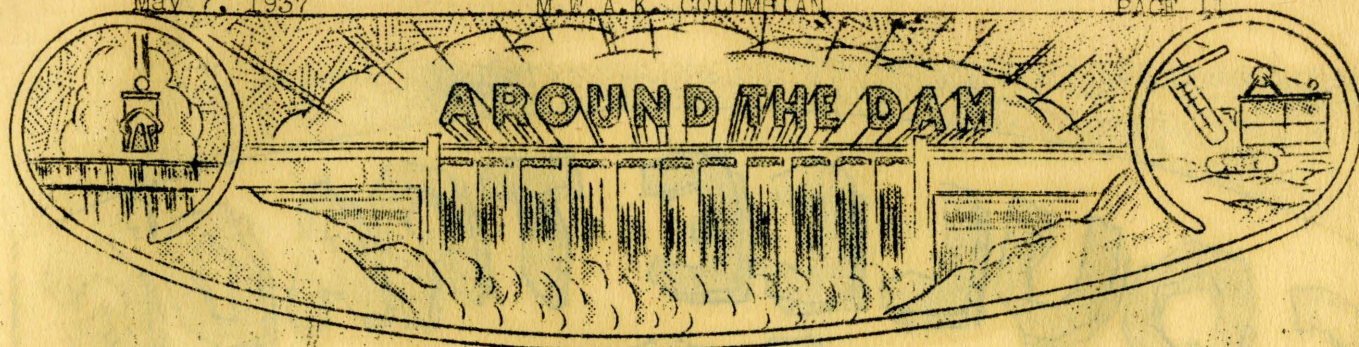
THE STEEL USED IN THE WEST COFFERDAM would have been sufficient to have built five bridges like the 950-foot highway bridge crossing the Columbia river here. In lineal miles the sheet piling would have reached 121.

STAY AWAY FROM OF *Swinging Loads*



YOU MIGHT BE NEXT!

—LINDMAN



IT'S YOUR LOSS IF YOU DON'T HEED

The report of a number of thefts from the Camp area should serve as a notice that all employes ought to at least lock up their personal effects.

Most reports come from the tent sections which house the most recent arrivals. These employees should pay particular attention to their personal belongings. Locks are an inexpensive insurance.

It might not be amiss for all employees to watch their possessions more closely.

-000-

FREEZING PLANT GOES

Direct removal of the freezing plant is under way. The pulling of some of the freezing points driven 40 feet down into the ground has moved along throughout the week. One of the two compressor units has been cut off the dismantled. Three dozen points had been pulled through Thursday. Four hundred had been driven to freeze the east slide and keep it from edging down into the east bedrock area.

-000-

HIT 7500 AVERAGE

By excluding Saturday from the reckoning for the past week, daily concrete pouring for both sides of the river has averaged 7,500 yards. The total for six days is 44,500 yards. Including Saturday, yardage was 44,700.

The highest mark for the year, reached TUESDAY, was 7,800---7,050 on the east, 750 on the west. The top east mark is the 7070 Monday.

The "to Do" list yesterday showed an estimated 2,360,000 yards, with 2,160,000 yard already poured in the dam.

The Saturday low for concrete of recent days was because of work on the eastrix.

-000-

BE PREPARED FOR THE UNEXPECTED--

THAT'S HOW TO AVOID ACCIDENTS OF ALL KINDS

-000-

FIRST CONCRETING OF THE SHAFT UNDER block 40 is being carried on. The shaft will be filled with concrete.

-000-

VARIABLE TEMPERATURES REACHED THEIR HIGH at 90 degrees Monday. The following day reach no higher than 68, as low as 46.

BORN at the Mason City hospital---

April 30, to Mr. and Mrs. A. R. Sims of Grand Coulee, a son.

May 3, to Mr. and Mrs. E. J. Eccles of Electric City, a daughter.

May 4, to Mr. and Mrs. Cecil Hearn of Mason City, a son.

May 5, to Mr. and Mrs. Bud Drinkard of Grand Coulee, a son

-000-

THE BIG 5-YARD DRAGLINE, #3, IN THE shop area now, is headed for Brett pit to help prepare aggregate for the concrete. The drag, weighing 370,000 pounds, is one of the two largest shovels on the job.

-000-

OWNERS OF MASON CITY THEATRE "STEEL-STAKES" winners:

Allan Arnold, first, \$72; Nellie Burns, second, \$32; S. W. Fisher, third, \$15.

-000-

A PLACE FOR EVERYTHING AND EVERYTHING IN ITS PLACE SAVES TIME AND INJURIES.

-000-

THE FIRST TRESTLE BENT IN THE RIVER area swung upward yesterday next to block 40. Trestle decking will swing across block 40, steel rails placed, and the beginning of sustained pouring of concrete onto the bed of the Columbia river will follow.

-000-

A CONCRETE DAM ACROSS THE SOUTH END of the river area gorge has been built. The dam will prevent any of the upstream cofferdam fill from slipping down into the gorge where additional concrete later will be poured. The dam is at block 53-A

-000-

COULLEE TRADING CO.

HAM
BUTT
HOCK

23¢
POUND

SPRING
LEG
LAMB

33¢
POUND

PURE
LARD

12½¢
POUND

SPRING
ROLLED
SHOULDR

33¢
POUND

ARMOURS
TAMALES

19¢
POUND

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